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DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, TULSA DISTRICT

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TULSA DISTRICT GUIDE SPECIFICATIO

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<SCN>SECTION 02841</SCN

<STL>TRAFFIC AND HANDICAP PARKING SIGNS</STL

<PRT><TTL>PART 1 GENERAL</TTL

<SPT><TTL>1.1 REFERENCES</TTL

<TXT INDENT=0 p>The publications listed below form a part of thi
specification to the extent referenced. The publications are referred to in
the text by the basic designation only. </TXT>

<REF><ORG>AMERICAN NATIONAL STANDARDS INSTITUTE STANDAR
(ANSI)</ORG>

<RID>ANSI D6.1</RID><RTL>(1988) Manual on Uniform Traffic Control Devices
for Streets and Highways (ANSI D6.1;</RTL>
<TXT INDENT=0 p> AASHTO M 268) </TXT

</REF><REF><ORG>AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDAR
(ASTM)</ORG>

<RID>ASTM B 209</RID><RTL>(1995) Aluminum and Aluminum-Alloy Sheet and
Plate </RTL>

<RID>ASTM D 4956</RID><RTL>(1995) Reflective Sheeting for Traffic Control
</RTL>

</REF></SPT><SPT><TTL>1.2 DELIVERY AND STORAGE</TTL

<TXT INDENT=0 p>Deliver signs to the site in manufacturer's origina
wrappings and packages clearly labeled with the manufacturer's name, brand
name, size, type, message, and related information. Store in a safe, dry,
clean, and wall ventilated area, protected from damage, soiling, and
moisture. Store packages flat. Do not open containers until needed for
installation unless verification inspection is required. </TXT>

</SPT></PRT><PRT><TTL>PART 2 PRODUCTS</TTL

<SPT><TTL>2.1 SIGNS</TTL

<TXT INDENT=0 p>Except where otherwise indicated or specified, al
materials shall conform to <RID>ANSI D6.1</RID>. Unless otherwise shown,
all signs shall be "standard" sizes as specified in ANSI D6.1. </TXT>

<SPT><TTL>2.1.1 Traffic Signs</TTL

<TXT INDENT=0 p>Signs shall be constructed of 0.08-inch aluminum conformin
to <RID>ASTM B 209</RID>, alloy 6061, T 6, degreased and etched. The
finish, except the reflective surfacing, shall be baked-enamel finish

applied after fabrication. Sign faces shall be fully reflectorized with material conforming to <RID>ASTM D 4956</RID>, Type I, Class 2. </TXT>

</SPT><SPT><TTL>2.1.2 [Handicap Symbol Sign and Parking Sign</TTL

<TXT INDENT=0 p>Sign shall be constructed of 16 gage steel with baked enamel finish. Handicap symbol sign faces shall have a white symbol on a blue background, with white border and shall be similar to sign No. D9-6 in ANSI D6.1. Parking sign faces shall have a green legend and border with white background.] </TXT>

</SPT><SPT><TTL>2.1.3 [Handicap Parking Sign</TTL

<TXT INDENT=0 p>Sign shall be constructed of 16 gage steel with baked enamel finish and shall be similar to sign No. R7-8 in ANSI D6.1.] </TXT>

</SPT></SPT><SPT><TTL>2.2 POSTS AND SLEEVES</TTL

<TXT INDENT=0 p>Posts and sleeves shall be standard schedule 40 galvanize steel pipe and shall conform to the indicated details. </TXT>

</SPT><SPT><TTL>2.3 HARDWARE</TTL

<TXT INDENT=0 p>Bolts, nuts, washers, and clamps shall be either cadmiu plated or galvanized steel. Bolts shall be a minimum of 5/16-inch in diameter. Clamps shall be two-piece assemblies of at least 14 gage steel, or shall be an adjustable steel-strap bracket as approved. </TXT>

</SPT><SPT><TTL>2.4 CONCRETE</TTL

<TXT INDENT=0 p>Concrete shall be 3,000 p.s.i. conforming to SECTION CONCRETE. </TXT>

</SPT></PRT><PRT><TTL>PART 3 EXECUTION</TTL

<TXT INDENT=0 p>Except where otherwise indicated or specified, all wor shall conform to ANSI D6.1. Signs of the type and size indicated shall be installed in locations shown on the drawings. </TXT>

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